

PERFILOV, V.G., inzh.; KARPOV, A.F.

A new turbocompressor for a 3,000 hp. diesel locomotive engine.
Energomashinostroenie 9 no.1:27-29 Ja '63. (MIRA 16:3)
(Compressors) (Diesel locomotives) (Diesel engines)

KARPOV, A.F.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Zurkov, F.E.		
Popov, S.I.	"The Working of Iron Ores	
Golevin, G.M.	by the Open Pit Method"	Magnitogorsk Mining Metal-
<u>Karrov, A.F.</u>		lurgical Institute imeni
Nikol'skiy, N.A.		G. I. Nosov
Shitov, I.S.		
Bulychev, V.V.		
Ogiyevskiy, V.M.		
Treyvus, M.N.		
Shtremt, A.A.		
Trofimov, G.V.		
Pushkarev, G.I.		
Markman, N.Ye.		
Tikhovidov, I.I.		

SO: H-30604, 7 July 1954

KARPOV, A. F.

BULYCHEV, V.V.; GOLOVIN, G.M.; ZURKOV, P.E.; KARPOV, A.F.; MI-
KOL'SKIY, N.A.; OGIREVSKIY, V.M.; POPOV, D.I.; TIKHIVUS, M.N.;
SHITOV, I.S.; SHTRUMT, A.A.; ZURKOV, P.E., kandidat tekhnicheskikh
nauk, redaktor; KOMPANEYETS, V.P., kandidat tekhnicheskikh
nauk, retsenzent; VAGANOV, P.V., kandidat tekhnicheskikh
nauk, retsenzent; IKONNIKOV, A.N., kandidat tekhnicheskikh nauk,
retsenzent; SAUKHAT, I.G., kandidat tekhnicheskikh nauk, retsen-
zent; NIKOLAYEV, S.I., retsenzent.

[Mining iron ore by the opencast method] Razrabotka zheleznykh
rud otkrytym sposobom. Pod. obshchei red. P.E.Zurkova. Sverdlovsk,
Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallur-
gii, 1953. 632 p.
(Iron mines and mining)

(MLRA 7:8)

ABRAMOV, S.A., inzh.; ALIFANOV, I.N., inzh.; KARPOV, A.F., inzh.;
KOROTKOV, A.P., inzh.; KOLOSOV, B.P., inzh.; KUZNETSOV,
V.S., inzh.; NIKONOV, G.V., inzh.; REPIN, M.I., inzh.;
SEMEYUCHENKO, G.P., inzh.; SLOBODSKOY, L.M., inzh.;
TSUKANOV, Ye.V., inzh.; SHIFRIN, M.G., inzh.; BOL'SHAKOV,
A.S., inzh., retsentent; KISELEVA, N.P., inzh., red.;
USENKO, L.A., tekhn. red.

[11D45 diesel locomotive] Teplovoznyi dizel' 11D45. Moskva,
Transzheldorizdat, 1963. 95 p. (MIRA 16:7)
(Diesel locomotives)

L 31819-66 EWT(m)/EWP(w)/T/EWP(t)/ETI/EWP(k) IJF(c) MJW/JD/HW
ACC NR: AP6019498 (A)

SOURCE CODE: UR/0129/66/000/006/0007/0009

AUTHOR: Karpov, A. G.; Geydysh, I. S.

ORG: none

TITLE: Effect of mechanochemical treatment on the properties of 36KhTYu, 36KhTYuM8, and 42KhTYu spring alloys

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 6, 1966, 7-9

TOPIC TAGS: nickel base alloy, chromium containing alloy, aluminum containing alloy, titanium containing alloy, spring alloy, alloy property, alloy treatment, mechano-thermal treatment, treatment effect/36KhTYu alloy, 36KhTYuM8 alloy, 42KhTYu alloy

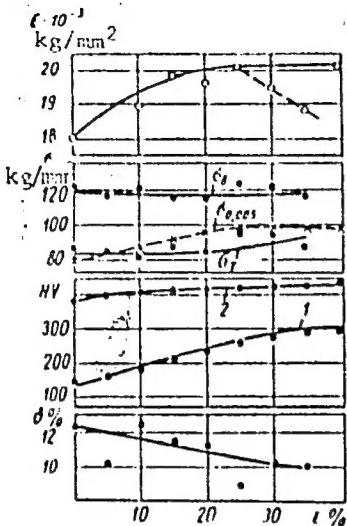
ABSTRACT: The effect of mechanochemical treatment on the properties of 36KhTYu, 36KhTYuM8, and 42KhNTYu nickel-base spring alloys has been investigated. Alloy sheets 0.465—0.316 mm thick were annealed at 970°C (36KhTYu), 1050°C (36KhTYuM8) and 910°C (42KhNTYu), water quenched and subjected to mechanochemical treatment, cold rolled with 5—40% reduction to sheets 0.3 mm thick, and tempered at 690°C for 3 hr (36KhTYu and 42KhTYu) or at 750°C for 4 hr (36KhTYuM8). It was found that mechanochemical treatment increased the alloy yield strength, hardness, and especially the limit of elasticity, but has little effect on the dynamic modulus of elasticity or on the tensile strength of the 36KhTYu alloy. The tensile strength of 42KhTYu and 36KhTYuM8 alloys increased with increasing reduction. The elongation of all

Card 1/3

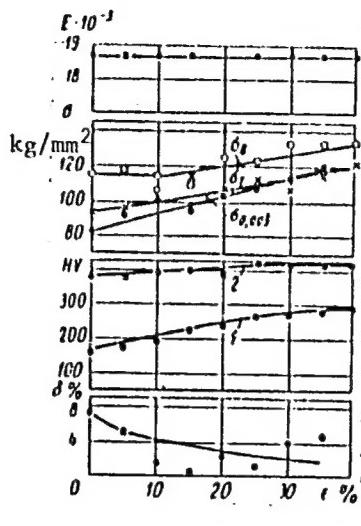
UDC: 669.14.018.58

L 31819-66

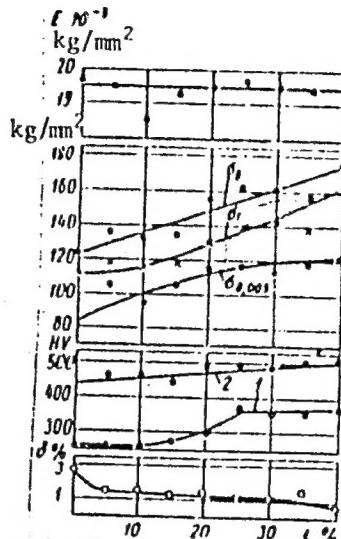
ACC NR: AP6019498



a



b



c

Fig. 1. Effect of plastic deformation on properties of alloys before tempering.

a - 36NKhTYu alloy; b - 36NKhTYuM8 alloy; c - 42NKhTYu alloy,
1 - hardness before tempering; 2 - after tempering.

Card 2/3

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ACC NR: AP6019498

tested alloys decreased with the increase of reduction (see Fig. 1). Thus, mechano-thermal treatment improves the characteristics of elasticity of spring alloys and is especially promising for treating parts whose further fabrication does not require high plasticity. Orig. art. has: 1 figure. [ND]

SUB CODE: 13, 11/ SUBM DATE: none/ ORIG REF: 001/ ATD PRESS: 5020

Card 3/3 JU

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000720830003-8"

KARPOV, A.G.; SOROKIN, M.I.

Computers serve the economy. Stal' 23 no.12:1122-1123 D '63.
(MIRA 17:2)
1. Volgogradskiy metallurgicheskiy zavod "Krasnyy Oktyabr".

KARPOV, A. I.

KARPOV, A. I. "The Acclimatization of Soviet Race-Horse Breeds in Uzbekistan." Min Higher Education USSR. Tashkent Agricultural Inst. Tashkent, 1956. (Dissertation for the Degree of Candidate in Agricultural Science)

So: Knizhnaya Letopis', No. 19, 1956.

USSR/Farm Animals - Horses

Abs Jour : Ref Zhur - Biol., No 15, 1958, 69248
Author : Karpov, A.I.
Inst : Tashkent Agricultural Institute
Title : Acclimatization of Soviet Trotter Breeds of Horses in Uzbekistan
Orig Pub : Tr. Tashkentsk. s.-kh. in-t, 1957, vyp. 8, 97-104

Abstract : From 1950 on, the Orel and Russian Trotters were brought from the European part of the USSR into Uzbekistan in order to develop a larger type of agricultural horse for cotton farms. Data resulting from three-year zootechnical observations and investigations (hematological, clinical, electrocardiographical) indicate that Trotter horses acclimate well in Uzbekistan.

Card 1/1

KARPOV, A. T.

Breakdown of papermaking machines. A. I. Karpov. *Bumashnaya Prom.* 16, No. 6, 227 (1918). The causes of frequent damages and measures for preventing them are discussed. Chas. Blanc

ASA-SEA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000720830003-8"

KARPOV, A.I., glavnnyy mekhanik; YAKUSHIN, I.T., inzhener-konstruktor.

Improving parchmentization machines. Bum.prom. 31 no.10:22-23 O '56.

(MIRA 10:1)

1. Vtoraya Leningradskaya bumazhnaya fabrika.

(Leningrad--Papermaking machinery)

vin. M., A.I., kandidatnau.

Resistance of elbows with small curvature radius in pneumatic conveying. Izv. vysucheb. zav., energet. i. no. 4-5'62. Ag '62.
"Izdat. 1747;

L. Tomskiy letoruzhnikhicheskiy institut inz. i. i. strelznoeprorotnogo transporta. Predstavlena konsurey teplotekh '3.

KARPOV, A. I. Cand Tech Sci -- "Study of the initial ~~short~~ ^{section} and local hydraulic resistances under conditions of pneumatic ^{Conveying} ~~transport~~." Minsk, 1960 (Min of Higher and Secondary Specialized Education BSSR. Belorussian Polytechnic Inst im I. V. Stalin). (KL, 1-61, 193)

-193-

S/081/61/000/019/039/085
B110/B101

AUTHOR: Karpov, A. I.

TITLE: Borda's problem under the conditions of pneumatic transport
in horizontal tubes

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 19, 1961, 236, abstract
19116 (Sb. nauchn. tr. Tomskiy elektromekhan. in-t inzh.
zh.-d. transp., v. 29, 1960, 159 - 167)

TEXT: The article deals with the influence of the following factors on the hydraulic resistance during a sudden increase of the diameter: velocity of two-phase flow, concentration μ of the transported material, degree of expansion of flow, and size and density of the particles. Tests were carried out for a wide velocity range using various materials (quartz sand, millet) in concentrations between 0.3 and 2.7. Diagrams for the longitudinal pressure drop in the tube at a sudden increase of the tube diameter are given. It was found that the resistance coefficient at a sudden expansion with $\mu = \text{const}$ is a function of two quantities, i. e.,

Card 1/2

Borda's problem under the conditions...

S/081/61/000/019/039/085
B110/B101

the degree of expansion and the relative particle velocity, and is independent of the velocity of flow. The authors give equations for determining the additional resistance due to the sudden expansion of the two-phase flow, and the total resistance along the section of sudden expansion during pneumatic transport. [Abstracter's note: Complete translation.]

Card 2/2

KARPOV, A.I., inzh.

Investigating the effect of basic properties of transported material on resistance in elbows and outlets in pneumatic transportation. Izv.vys.ucheb.zav.; energ. 3 no.5:138-143 My '60. (MIRA 13:6)

1. Belorusskiy institut inzhenerov zheleznodorozhnogo transporta. Predstavlena kafedroy gidravliki i teplotekhniki. (Pneumatic-tube transportation)

KARPOV, A.I.

Resistance of horizontal tubes in pneumatic transportation of grain products. Izv. vys. ucheb. zav.; pishch. tekhn. no.4:134-139 '61.
(MIRA 14:8)

1. Belorusskiy institut inzhenerov zheleznodorozhnogo transporta,
kafedra gidravliki i teplotekhniki.
(Pneumatic-tube transportation)

KARPOV, A.I., kand.tekhn.nauk

Use of radioactive indicators in the experimental study of the
velocity of particles and resistances in pneumatic transportation.
Izv. vys. ucheb. zav.; energ. 4 no.3: 75-81 Mr '61. (MIRA 14:3)

1. Belorusskiy institut inzhenerov zheleznodorozhnogo transporta
Predstavlena kafedroy gidravliki i teplotekhniki.
(Pneumatic tube transportation)

DOGIN, M.Ye.; KARPOV, A.I.

Calculating the resistance of the runway in pneumatic transportation
Inzh.fiz.zhur. 4 no.7:47-51 Jl '61. (MIRA 14:8)

1. Elektromekhanicheskiy institut inzhenerov zhelezodorozhnogo
transporta, Tomsk.
(Pneumatic-tube transportation)

KARPOV. A.I., kand.tekhn.nauk

Effect of the configuration of bends and branch pipes on resistance
in pneumatic tube transportation. Izv.vys.ucheb.zav.; energ. 4
no.9:85-87 S '61. (MIRA 14:10)

1. Belorusskiy institut inzheperov zheleznodorozhnogo transporta.
Predstavlena kafedroy gidravliki i teplotekhniki.
(Pneumatic-tube transportation)

KARPOV, A.I.

Hydraulic resistance of the particle acceleration zone and pipe
bends in the pneumatic-tube transportation of chalk. Kauch. i
rez. 20 no.6:32-36 Je '61. (MIRA 14:6)

1. Belorusskiy institut inzhenerov zheleznodorozhnogo transporta,
g. Gomel'.
(Pneumatic-tube transportation)
(Chalk)

KARPOV, A.I.

Pipeline for transporting and heating viscous petroleum
products. Mash. i neft. obor. no.2:19-23 '64. (MIRA 17:8)

1. Upravleniye "Bashkirenergo".

KARPOV, A.I., kand. tekhn. nauk, dotsent

Hydraulic resistance of the initial sector to the motion of a
gas suspension. Izv. vys. ucheb. zav.; energ. 7 no.9:103-105
S '64. (MIRA 17:11)

1. Ukrainskiy institut inzhenorov vedenogo khozyaystva. Fredstavlena
kafedroy gidravliki.

KARPOV, A.K., USOV, I.I.

Acute torsion of the fibromyomatous uterus in a male hermaphrodite.
Akush. i gin. 35 no.3:121-122 My-Je '59. (MIRA 12:8)

1. Iz khirurgicheskogo otdeleniya (zav. - A.K.Karpov) bol'nitsy
sanitarnogo otdela stroitel'stva Kuybyshevskoy gidroelektro-
stantsii.

(HERMAPHRODITISM, case reports

hermaphroditism, male, with acute torsion of
leiomyomatous uterus (Rus))

(UTERUS NEOPLASMS, case reports

leiomyoma, with acute torsion of uterus in
male hermaphroditism (Rus))

(LEIOMYOMA, case reports

uterus, with acute torsion in male hermaphroditism
(Rus))

KARPOV, A. K.

The chemical characteristics of the natural gases of the
Donetsk, the Ukraine, and the Stalingrad regions. A. V.
Karpov. Gostorg Press, 1937. No. 7-0-14. The following
composition of the gases of the principal producing
regions of the S.S.R. are presented in 8 voluminous tables.
Extremes range from the product of a Rodchenko well with
CH₄ 60.8, C₂H₆ 0.2, C₃H₈ 2.2, C₄H₁₀ 0.1, C₅H₁₂ 3.8, and
N 0.7% with a thermal value of 11,700 kcal/cu.m. (1200
B.t.u./cu. ft.) to that from a well in the same region with
CH₄ 85.9, C₂H₆ 0.10, C₃H₈ 0.03, C₄H₁₀ 0.13, and N 14.1%
with a thermal value of 8850 kcal/cu.m. (700 B.t.u./cu.
(t.).

M. L. O.

KARPOV, A.K.

Chemical properties of natural gas from the Volga region, from
the southeastern part of the Tatar A.S.S.R., western Bashkiria
and northern districts. Gaz.prom. no.10:1-7 O '57. (MIRA 10:10)
(Gas, Natural)

KARPOV, A.K.; SIMONENKO, V.F.

Methods of studying the hydrogen sulfide content of natural gases.
Gaz.prom. 5 no.6:11-13 Je '60. (MIRA 13:6)
(Gas, Natural) (Hydrogen sulfide)

ZARENBO, L.K., kand. fiz.-mat. nauk; KARPOV, A.K., inzh.; LEGOSTAYEV, P.Ya., kand. tekhn. nauk; BRODSKIY, Yu.N., kand. tekhn. nauk; KHRENOV, N.S., inzh.; KHODANOVICH, I.Ye., kand. tekhn. nauk; BRISKMAN, A.A., kand. tekhn. nauk; GORODETSKIY, V.I., inzh.; NIKITIN, A.A., inzh.; GILL', B.V., inzh.; KRAYZEL'KAN, S.M., inzh.; DZHAFAROV, M.D., inzh.; LUNEV, A.S., kand. tekhn. nauk; NIKITENKO, Ye.A., inzh.; YERSHOV, I.M., kand. tekhn. nauk; ZAYTSEV, Yu.A., inzh.; MAGAZANIK, Ya.M., inzh.; SHAROVATOV, L.P., inzh.; RABINOVICH, Z.Ya., inzh.; BIBISHEV, A.V., inzh.; ASTAKHOV, V.A., dots.; KOMYAGIN, A.F., kand. tekhn. nauk; ANDERS, V.R., inzh.; SERGOVANTSEV, V.T., kand. tekhn. nauk, dots.; UTKIN, V.V., inzh.; KUZNETSOV, P.L., inzh.; MAMAYEV, M.A., inzh.; SVYATITSKAYA, K.P., ved. red.; FEDOTOVA, I.G., tekhn. red.

[Handbook on the transportation of combustible gases] Spravochnik po transportu goriuchikh gazov. Moskva, Gostoptekhizdat, 1962. 887 p. (MIRA 15:4)
(Gas, Natural--Transportation)

KARPOV, A.K.; NARIZHNAYA, V.Ye.

Geochemical characteristics of natural gases of the Kyzyl-Tumshuk field in Tajikistan. Gaz. delo no.1:30-36 '63.
(MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnykh gazov i Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta prirodnykh gazov.
(Vakhsh Valley—Gas, Natural—Analysis)

KARPOV, A.K.; FROLOVSKIY, P.A.; SHOROKHOV, N.R.; FILATOVA, Z.S.

Device for the continuous determination of the moisture content
of natural gases. Gaz. prom. 7 no.4:37-43 '62 (MIRA 17:7)

KARFCV, A. M. Cand. Tech. Sci.

Dissertation: "Concerning the Layout Profile of Hump Yards." Moscow Order of Lenin Inst of Railroad Engineers imeni I. V. Stalin, 26 Feb 47.

SO: Vechernaya Moskva, Feb, 1947 (Project #17836)

BUZANOV, S.P., prof.; KARPOV, A.M., kand.tekn.nauk

Improving the shape of humps and half humps. Zhel.dor.transp.
40 no.4:49-50 Ap '58. (MIRA 13:4)
(Railroads--Hump yards)

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CIA-RDP86-00513R000720830003-8

BUZANOV, S.P., prof., doktor tekhn. nauk; KABDOV, A.M., kand. tekhn. nauk

Automation of classification pumps. Zhel. dor. transp. 46
no.4:88-91 Ap '64.
(MIRA 17-6)

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CIA-RDP86-00513R000720830003-8"

KARPOV, A. I.

Sergeevich, V. V. & Mironov, L. M. "The properties of the adsorbed analysis of silver and gold in ca. 10⁻³ mol/l electrolytes", Uchen. z. fizika (Phys.) (under L. Ruplysheva), No. 11, 1948, p. 139-47.

So: N-3861, 10 April 48, (Letopis 'Zhurnal 'nykh Statey, No. 11, 1949).

BUZANOV, S.P., prof., doktor tekhn. nauk; KARPOV, A.M., kand. tekhn. nauk

Various types of the simplest classification yard systems.
Zhel. dor. transp. 45 no.3:33-37 Mr '63. (MIRA 16:6)

(Railroads—Hump yards)

KARPOV, A.M., dotsent, kand. tekhn. nauk

Ways for further expanding and technically equipping
classification stations. Trudy NIIZHT no.29:3-19 '62.

Calculating the traffic carrying capacity and the needed track
expansion volume of station throats. 61-67

Hump yard throats for mechanized and automated classification
humps. 68-91 (MIRA 16:10)

KARPOV, A.M., dotsent, kand. tekhn. nauk; ALEKSEYEV, V.T., aspirant

Design and planning of the simplest classification systems.
Trudy NIIZHT no.29:128-149 '62. (MIRA 16:10)

BUZANOV, S.P.; KARPOV, A.M.; RODIMOV, B.A., redaktor; VERINA, G.P.,
tekhnicheskiy redaktor.

[Planning and arrangement of railroad hump yards] Proektirovaniye
sortirovochnykh gorok i polugorok i ikh ustroistvo. Moskva, Gos.
transp. zhel-dor. izd-vo, 1954. 238 p. (MLRA 8:2)
(Railroads--Stations)

GALIYEV, I.; KARPOV, A.M.

Device for connecting the perforator-gun with the cable.
Razved. i prom. geofiz. no.10:53-54 '54. (MIRA 13:2)
(Prospecting--Equipment and supplies)

KARPOV, A.M., professor.

Problem of ventilating long, dead-end stopes in mines of the
Donets Basin. Ugol' 29 no.2:24-27 F '54. (MLRa 7:1)

1. Novocherkasskiy politekhnicheskiy institut im. Sergo Ordzhonikidze.
(Donets Basin--Mine ventilation)

KARPOV, A.M., professor; PROLOV, M.A., kandidat tehnicheskikh nauk;
CHUKHONTSEV, N.F., starshiy prepodavatel'.

Analyzing a case of booster fan performance in a mine ventilation
system. Ugol' 30 no.11:32-35 N '55. (MIRA 9:2)

1. Novocherkasskiy politekhnicheskiy institut.
(Donets Basin--Mine ventilation)

KARPOV, A.M., professor; FROLOV, M.A., kandidat tekhnicheskikh nauk;
CHUKHONTSEV, N.F., dotsent.

Improving the ventilation of a large anthracite mine.
Nauch. trudy NPI 32:71-83 '55.

(MLRA 10:2)

(Donets Basin--Coal mines and mining)
(Mine ventilation)

KARPOV, A.M., prof.; ARTEMOV, A.V., gornyy inzh.

~~Effect of ventilation intensity on coal strength and ways to use this phenomena for the control of sudden ejections of coal and gas.~~

Ugol' 33 no.3:25-29 Mr '58. (MIRA 11:?)
(Mine ventilations) (Mine accidents)

KARPOV, A.M., prof.

Downward ventilation in Donets Basin gaseous mine stopes. Ugol' Ukr.
3 no.2:5-8 F '59. (MIRA 12:3)

1. Novocherkasskiy politekhnicheskiy institut.
(Donets Basin--Mine ventilation)

SHAPOV, A.I., prof.; LIPOV, I.P., docent

Shapov has several groups of 11.5 series. Until 1960 he was head of the department of geology at the M. V. Lomonosov Moscow State University. (MIRE 12:7)

I. M. Vorob'evskiy politicheskii institut.
(Coal mines and mining)

KARPOV, A.M.

Interaction of ventilation of combined mines having different
ventilation conditions. Sbor. trud. Inst. gor. dela AN URSR
no.7:136-148 '61. (MIRA 15:1)
(Donets Basin--Mine ventilation)

BOBROV, Ivan Vladimirovich; ZAYTSEV, A.P., retsenzent; CHERNOV, O.I.,
retsenzent; KARPOV, A.M., otv. red.; RATNIKOVA, A.P., red.
izd-va; BOLDYREVA, Z.A., tekhn. red.; PROZOROVSKAYA, V.L.,
tekhn. red.

[Safe methods of carrying out development workings in seams
subject to sudden outbursts of coal and gas] Sposoby bezo-
pasnogo provedeniia podgotovitel'nykh vyrabotok na plastakh,
opasnykh po vnezapnym vybrosam uglia i gaza. Moskva, Gos.
nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 257 p.
(MIRA 15:2)

(Donets Basin--Mine gases)

RUDCHENKO, V.P.; KARPOV, A.M., prof.; VOZIYANOV, A.F., kand.tekhn.nauk.

Possibility of using downward ventilation in the stopes of steeply dipping Donets Basin seams. Ugcl' Ukr. 5 no.3:1-4 Mr '61.
(MIRA 14:3)

1. Glavnnyy inzh.kombinata Stalinugol' (for Rudchenko).
(Donets Basin—Mine ventilation)

PECHUK, Isaak Moiseyevich; KARPOV, A.M., prof., otv. red.; PECHKOVSKIY,
V.I., red.; LIBERMAN, T.R., tekhn. red.

[Penetration of gases through fractured rocks into houses and
workings] Proniknovenie gazov po treshchinovatym porodam v po-
meshcheniia i vyrabotki. Kiev, Izd-vo Akad. nauk USSR, 1962.
110 p.

(MIRA 15:11)

(Mine gases)

KARPOV, A.M., prof.

The 70th birthday of Professor I.M.Pechuk. Bezop.truda v prom.
6 no.4:22 Ap '62. (MIRA 15:5)
(Pechuk, Isaak Moiseevich, 1891-)

KARPOV, A.M., prof.; PATRUSHEV, M.A., kand.tekhn.nauk

Unstable direction of air escape. Bezop.truda v prom. 6 no.8;31-33
Ag '62. (MIRA 16:4)

1. Institut gornogo dela im. M.M.Fedorova AN UkrSSR.
(Mine ventilation)

KARPOV, A.M.; DZHAKUPBAYEV, A.N.

Using a temporary system of mine filling with concrete
at the Tekeli mine. Trudy Inst. gor. dela AN Kazakh. SSR
19:115-118 '65. (MIRA 18:12)

BUZANOV, Stepan Petrovich, prof.; KARPOV, Aleksandr Mikhaylovich,
dots.; RYTSAREV, Mikhail Alekseyevich, inzh.; FREDE,
V.Yu., red.

[Design of mechanized and automated classification systems]
Proektirovanie mekhanizirovannykh i avtomatizirovannykh
sortirovochnykh ustroistv. Moskva, Transport, 1965. 231 p.
(MIRA 18:4)

KARFOV, A. N.

"Investigation of the Performance of Special copying-Milling Machines for Propeller Blades." Thesis for degree of Cand. Technical Sci. Sub 26 June 50, All-Union Correspondence Polytechnical Inst (Min of Higher Education USSR)

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernaya Moskva, Jan-Dec 1950.

KARPOV, A.N., inzhener.; MARGUS, M.Ye., inzhener.

Using radioactive isotopes in building the Stalingrad Hydro-electric Power Station. Gidr. strol. 26 no. 2:26-27 F '57. (MLRA 10:4)
(Stalingrad hydroelectric power station)
(Radioisotopes--Industrial applications)

KARPOV, A. N.

23322. Taksatsiya kruglogo lesa. V sbt: issledonaviya po les. zhoz-vy. L.,
1948 na obl: 1949 c.245-53.

SO: LETOPIS' NO. 31, 1949

KARPOV, A. N.

"Modifications of the Blood in the Case of Intravenous Introduction of Medicinal Substances." Thesis for degree of Cand. Veterinary Sci. Sub. 2 Jun 49, Moscow Veterinary Academy.

Summary 82, 18 Dec 52, Dissertations Presented For Degrees in Science and Engineering in Moscow in 1949. From Vechernaya Moskva, Jun-Dec 1949.

KARPOV, A. V.

KARPOV, A. V. "The radioactivity of the earth's crust and the
changes in it at the time of the appearance of Saurian Objects", *Naukova Dumka*, Kiev,
1974, Vol. VI, No. 2, p. 201-212.

See: M. G. G. L. Sovt. (USSR) (Leningrad), 1974, No. 1, p. 1-2).

KARPOV, A. N.

Karpov, A. N. - "On the mechanical nature of the sensitivity
of skin receptors", Trudy Sarat. gos. med. in-ta, Vol. VI,
1947, p. 295-314.

SO: U-4631, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 24, 1949).

KARPOV, A. N., dotsent

Structure and function of human cutaneous receptors. Vest. derm. i
ven. 34 no.1:10-13 Ja '60. (MIRA 1/:12)

1. Iz kafedry fiziki Stalingradskogo meditsinskogo instituta.

(SKIN--INNERVATION)

SOV-98-58-2-6/21

AUTHORS: Karpov, A.N., and Iordanskiy, I.Ye., Engineers

TITLE: The Reconstruction of the Shores of the Tsimlyanskoye Water Reservoir (Pererabotka beregov Tsimlyanskogo vodokhranili-shcha)

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1958²¹, Nr 2, p 27 (USSR)

ABSTRACT: To obtain factual material on the rebuilding of the shores of large water reservoirs, the profiles of shores consisting of various rock formations were studied at the Tsimlyanskoye Water Reservoir in 1953. The measuring of the shores at the selected sections was carried out for 3 years. Figures 1 and 2 show the results of the observations, which have led to the preliminary conclusion that it is possible to forecast the amount of erosion of sandy shores. Little is known about the form of shores consisting of rocks which convert

Card 1/2

SOV-98-58-2-6/21

The Reconstruction of the Shores of the Tsimlyanskoye Water Reservoir

easily into a suspension state.
There are 2 diagrams.

1. Inland waterways--USSR 2. Beaches--Erosion

Card 2/2

KARPOV, A.N.

PROCESSED AND PREPARED BY

Temperature coefficient of adsorption from solutions.
 I. V. P. Mishin and A. N. Karпов. *Colloid J.* (U. S. S. R.) 2, 302 (1930).—Adsorption isotherms are given for Ca-glycerophosphate (I) at 0°, 20°, 30° and 75° and for Ca-butyrate (II) at 0.5°, 20° and 75° on birch charcoal activated by boiling in dil. HCl for 3 days, and heating at 350°. I has a pos. and II a neg. temp. coeff. as shown by the table. For I the adsorption ratios are about 1.12 ·

	Ca glycerophosphate			Ca butyrate		
C	7.50	11.75	17.00	23.75	10.0	15.0
0°	2.49	3.10	3.32	3.07	12.1	10.1
20°	3.07	4.70	3.05	4.32		
30°	3.52	4.17	4.42	4.84	10.5	13.7
75°	4.00	4.75	5.03	5.46	9.2	12.5

I.35 · 1.5 and for II 1.0 · 0.0 · 0.0. II. V. P. Mishin and E. E. Polochanskaya. *Ibid.* 317-22.—Dipropylmalonic ester was obtained by boiling 11.9 g. Na in alc. with 41.5 g. malonic ester and then with 113 g. PrI or 81.7 g. PrBr; 2 hrs. was used for each. Al. was boiled off and the aq. soln. extd. with ether, dried and distd. giving 21 g. of ether b. 248-50°. Dipropylmalonic acid was obtained by hydrolysis of 21 g. of the ester by 25 g. KOH in 340 g. alc. boiled for 3 hrs. The aq. soln. was acidified, extd. with ether and crystd. from CHCl₃. Dipropylacetic acid was obtained from the malonic acid by heating at 180-200°.

The yield of Ca salt obtained was 9.5 g. The adsorption isotherms of Ca dipropylacetate were measured at 20.5°, 30° and 75° on birch charcoal by determ. of the salt left in soln. The ratios of the adsorptions for all compon. at these temps. are about 1.12 · 1.3 · 1.3. F. H. R.

APPENDIX METALLURGICAL LITERATURE CLASSIFICATION

SHEMYAKIN, F. M. Prof., KARPOV, A. N., Docent.
ZELIKSON, YU. I., SHEKHTER, L. I.

Chemistry, Analytical - Quantitative

Quantitative determination of copper by the maximum dilution method. Apt. delo no. 4,
1952.

Monthly List of Russian Accessions, Library of Congress. November 1952, UNCLASSIFIED.

KARTOV, A. N.

Chemists

Twenty-fifth anniversary of the scientific activities of Prof. F. M. Shemyakin.
Kol', zhur. 14 No. 4, 1952

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

SHEMYAKIN, F.M.; KARPOV, A.N.; MEDVEDEVA, N.K.; DOBRYNINA, V.I., dotsent, direktor.

Chromatograms of vegetable extracts. Apt.delo 2 no.3:19-22 My-Je '53.
(MLRA 6:6)

1. Moskovskiy farmatsevticheskiy institut Ministerstva zdravookhraneniya
SSSR. (Extracts) (Chromatographic analysis)

KARPOV, A. N.

5

(2)

Chromatography of alkaloid reactions. E. M. Shemyakin, A. W. Karpov, and N. K. Mel'chedeva (*Dokl. Akad. Nauk. SSSR*, 1953, **90**, 399-402).—The various standard reactions for alkaloids are much more specific if carried out chromatographically in a column (Al_2O_3) or on paper. The reactions of morphine, with HNO_3 , H_2SO_4 + HNO_3 , H_2SO_4 + NH_4 vanadate, FeCl_3 , ammoniacal Ce nitrate (very strong coloration), of codeine with HNO_3 , H_2SO_4 , FeCl_3 , and Friede's reagent, and various methods of determining both alkaloids in a mixture, are described.
R. C. MURRAY

SHEMYAKIN, F.M.; KARPOV, A.N.

Results of the study of rapid analysis of drugs in Moscow
pharmacies and prospects of applying semimicroanalytic methods
in pharmacies. Apt.delo 3 no.1:31-33 Ja-F '54. (MLRA 7:1)
(Moscow--Pharmacy) (Drugs--Adulteration and analysis)

KARPOV, ALEKSEY NIKIFOROVICH

SHEMYAKIN, Fedor Mikhaylovich; KARPOV, Aleksey Nikiforovich; BRUSENTSOV,
Aleksandr Nikolayevich; KUVSHINSKIY, M.N., red.; LYUDKOVSKAYA, N.I..
tekhn.red.

[Analytical chemistry] Analiticheskaya khimiya. Moskva, Gos. izd-vo
med.lit-ry. Pt.1. [Qualitative chemical semimicroanalysis for
students at pharmaceutical institutes] Kachestvennyi khimicheskii
polumi^kroanaliz dlja studentov farmatsevticheskikh institutov.
(MIRA 11:6)
1957. 389 p.

(Chemistry, Analytical--Qualitative)

SHEMYAKIN, F.M.; KARPOV, A.N.

Possibility of employing compounds of alkaloids with dyes in
analytical chemistry. Sbor. nauch. rab. MFI 2:34-39 1959.
(MIRA 14:1)

1. Kafedra analiticheskoy khimii (zav. - prof. F.M. Shemyakin)
Moskovskogo farmatsevticheskogo instituta.
(DYES AND DYEING) (ALKALOIDS)

SHEMYAKIN, F.M.; KARPOV, A.N.

Method for standardizing adsorbents. Sbor. nauch. rab. MFI 2:61-
65 '59. (MIRA 14:1)

1. Kafedra analiticheskoy khimii (zav. - prof. F.M. Shemyakin)
Moskovskogo farmatsevticheskogo instituta.
(ADSORBENTS)

SHEMYAKIN, P.M.; KARPOV, A.N.; BRUSENTSOV, A.N.; KUVSHINSKIY, M.N..
red.; LYUDKOVSKAYA, N.I., tekhn.red.

[Analytical chemistry] Analitichesknaia khimiia. Moskva, Gos.
izd-vo med.lit-ry. Pt.2. [Quantitative chemical analysis]
Kolichestvennyi khimicheskii analiz. 1960. 389 p.
(MIRA 13:12)

(Chemistry, Analytical--Quantitative)

SHENYAKIN, F.M.; KARPOV, A.N.

"Practical manual on pharmaceutical chemistry." Edited by P.L.
Senov [prof.]. Reviewed by F.M.Shemiakin, A.N.Karpov, Apt. delo
10 no.3:82-89 My-Je '61. (MIRA 14:7)
(CHEMISTRY, MEDICAL AND PHARMACEUTICAL)
(SENOV, P.L.)

Karpov, A.

551-001-0005117
Karpov, A. Gavrilov, V. S. Results of optical remote measurements. (The blue color of the sky - a component of astrophotometry). *J. Meteorologichesk. Vestn.*, Leningrad, No. 1/2: 1-10, Jan./Feb., 1935, or 5 tables, 2 figs. D.L.C. Method and results of D.I.J. spectrometric measurements of the blue color of the sun's spectrum (from 450 to 830 m^u wave length) at zenith and high altitude from Osh and other places, made at Elektro-Meteorological Station near Semipalatinsk. The results from Jan. 1, 1934 to Jan. 15, 1934, are presented and discussed. They show that the variation of the blue color coincides exactly with the radiation variation. Changes of the sky's coloring and a decrease of the blue part were observed in connection with S. winds bringing smoke from the city or in presence of a snow cover in winter or a green cover in spring. *Sopos Harkov*. In sky blue color. 2. Sun's spectrum. A.M.A.

KARPOV, A. N.

PA 34T81

USSR/Physics
Solar Phenomena
Actinometry

Mar 1947

"Actinometric Observations during the 9 Jul 1945 Solar Eclipse," A. N. Karпов, 1 p

"Priroda" No 2

Short description of the observations taken from Saratov, of the solar eclipse which took 16 hours and 30 minutes. Gives general atmospheric conditions. Graph showing the change in the amount of solar radiation during the eclipse.

ID

34T81

KARPOV, A. N.

USSR/Meteorology - Fog

Oct 51

"Unusual Fog Over Stalingrad," A. N. Karpov

"Priroda" No 10, pp 52, 53

Stalingrad was covered by an unusually dense fog 27 - 28 March 51. This air originated on the Kazakhstan steppes, over which the air was infiltrated by salty soil particles, and was carried by winds at a speed of 700 km/day to Stalingrad. Dust storms are frequent in this region, but this time the compn of the dust was unusual.

211T82

KARPOV, A.N.

Change in certain meteorological factors in Stalingrad during the total
solar eclipse of February 25, 1952. Biul.VAGO no.14:16-23 '53.

(MLRA 6:11)

1. Stalingradskiy meditsinskiy institut.
(Eclipses, Solar--1952) (Solar radiation)

Pov, Ann

Keweenaw N. W. Driftlightning records found. [Drifting lightning discharge.] P-
NIO 116-117. April, 1954. by DLC. Two photos of drifting lightning
discharges during thunderstorms which occurred at about 1 a.m. of July 9, 1954 in the vicinity
of Coloma, Michigan, Marquette. For a long interval period, are presented. They were
about at a distance of 12 km from the storm cloud and show clearly the displacement of the
lightning channel along the discharge channel which is disturbed by the wind.
The photo shows the channel in spite of the heavy thunder. Added Headings. Drift-
lightning, lightning channel, lightning discharge. A. R. B. P. U.S.G.S. A. H.P.

AFC

Stenographed Testimony

KARPOV, A. N. kandidat fiziko-matematicheskikh nauk

Intensity alteration of radio signals during the solar
eclipse on June 30, 1954. Priroda 44 no.5:113 My '55.
(MIRA 8:?)

1. Stalingradskiy meditsinskiy institut.
(Eclipses, Solar--1954) (Radio waves)

KARPOV, A.N.

Apparatus for determining the speed of ocular movements (ophthal-moxosimeter). Probl.fiziol. opt. 12:494-496 '58 (MIRA 11:6)

1. Stalingradskiy meditsinskiy institut.
(EYE--MOVEMENTS)
(EYE, INSTRUMENTS AND APPARATUS FOR)

KARPOV, A.N.; BALANDINA, A.I., otv. za vypusk

[What is koniology?] Chto takoe koniologija. Stalingrad,
Stalingradskii gos.med.in-t, 1959. 26 p.
(Dust)

(MIRA 14:2)

KARPOV, A.N. (Stalingrad)

Changes in some geophysical factors in stalingrad during the
partial solar eclipse of December 2, 1956. Biul.VAGO no.24:
41-44 '59. (MIRA 13:4)

1. Stalingradskiy meditsinskij institut.
(Eclipses, Solar--1956)

KARPOV, A.N., kand.fiz.-matem.nauk

In the land of dust avalanches. Priroda 51 no.5:70-71 My '62.

(MIRA 15:5)

1. Volgogradskiy gosudarstvennyy meditsinskiy institut.
(Iraq--Dust storms)

KARPOV, A.N.

Certain phenomena during the total solar eclipse of February 15,
1961. Biul.VAGO no.32:37-39 '62. (MIRA 15:11)

1. Volgogradskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo
obshchestva.

(Eclipses, Solar--1961)

KARPOV, A.N.

Device for the measurement of the rate of rotation of the
eyeball and the determination of the angle of strabismus.
Nov. med. tekhn. no.1:54-56 '62. (MIRA 19:1)

1. Volgogradskiy meditsinskiy institut.

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 7, p 109 (USSR) SOV/124-57-7-8160

AUTHOR: Karpov, A. P.

TITLE: A New Method of Determination of Shear Stresses During Bending
(Novyy metod opredeleniya kasatel'nykh napryazheniy pri izgibe)

PERIODICAL: Sb. nauch. tr. Kuybyshevsk. industr. in-t, 1956, Nr 6, book 2,
pp 137-147

ABSTRACT: Bibliographic entry

Card 1/1

KARPOV, A.P.

Efficient combination of stripping method and equipment in open-pit mining is a potential means of lowering the cost of ore mining. Gor.zhur. no.5:14-16 My '62. (MIRA 16:1)

1. Nachal'nik Uchalin'skogo rudnika.
(Uchaly region—Strip mining)

OKHRIMENKO, N.I., gornyy inzh.; KARPOV, A.P., gornyy inzh.;
KURBANGALEYEV, I.Kh., gornyy inzh.; AMIROV, M.I., gornyy inzh.

Improving boring and blasting operations in the Uchaly Mine.
Gor. zhur. no.6:39-40 Je '62. (MIRA 15:1.)

1. Uchalinskiy rudnik.
(Uchaly region--Blasting)
(Boring)

PANFIL', L.S.; KARPOV, A.P.

Increasing the insulation reliability of the foundations of
metal structures of overhead contact systems. Study SMITI
41:103-108 '63. (NTIA 18:7)

ZAMURAYEV, Yu.M., inzh.; KARPOV, A.P., inzh.

Effective method for protecting contact network supports from
corrosion. Elek. i tepl. tiaga 7 no.4:16 Ap '63. (MIRA 16:5)
(Electric railroads--Wires and wiring)

POPOV, S.I., doktor tekhn.nauk; POSOKHOV, Yu.N., kand.tekhn.nauk; KARPOV, A.P.,
gornyy inzh.

Basic problems concerning open pit mining of thick steeply
pitchine deposits. Gor.zhur. no.12:9-13 D '64.

(MIRA 18:1)

1. Magnitogorskiy gornometallurgicheskiy institut (for Posokhov).
2. Uchalinckiy rudnik (for Karpov).

MIKHEYEV, Viktor Petrovich; KARPOV, Aleksandr Petrovich;
FRAYFEL'D, A.V., red.

[Contact network supports and foundations; work
practices of the collective of the Western Siberia
Railroad] Oporы i fundamenty kontaktnoi seti; cpyt
raboty kollektiva Zapadno-Sibirskoi zheleznoi dorogi.
Moskva, Transport, 1965. 63 p. (MIRA 18:12)

KARPOV, A.S., starshiy entomolog

Don't let the potato moth (*Phthorimaea operculella*) get into the
U.S.S.R. Zashch. rast. ot vred. i bol. 3 no.1:49-50 Ja-F '58.
(Potatoes--Diseases and pests) (MIRA 11:3)

KARPOV, A.S., inzh.

Wastes from the Ural mines can be utilized in construction. Strei. prom.
36 no.8:33-37 Ag '58. (MIRA 11:9)
(Building materials) (Waste products)

AGAPOV, D.S.; ARTIBILOV, B.M.; VIKTOROV, A.M.; GINTS, A.N.; GOR'KOV, A.V.;
GUSYATINSKIY, M.A.; KARPOV, A.S.; KOLOT, I.I.; KOMAREVSKIY, V.T.;
KORYAGIN, A.I.; KRIVSKIY, N.N.; KRAYNOV, A.G.; HESTEROVA, I.N.;
OBES, I.S., kandidat tekhnicheskikh nauk; SOSNOVIKOV, K.S.; SUKHOT-
SKIY, S.F.; CHLENOV, G.O.; YUSOV, S.K.; ZHUK, S.Ya., akademik, glavnnyy
redaktor; KOSTROV, I.N., redaktor; BARONENKOV, A.V., professor,
doktor tekhnicheskikh nauk, redaktor; KIRZHNER, D.M., professor,
doktor tekhnicheskikh nauk, redaktor; SHESHKO, Ye.F., professor, doktor
tekhnicheskikh nauk, redaktor; AVERIN, N.D., inzhener, redaktor
[deceased]; GOR'KOV, A.V., inzhener, redaktor; KOMAREVSKIY, V.T.,
inzhener, redaktor; ROGOVSKIY, L.V., inzhener, redaktor; SHAPOVALOV,
T.I., inzhener, redaktor; RUSSO, G.A., kandidat tekhnicheskikh nauk,
redaktor; FILIMONOV, N.A., inzhener, redaktor; VOLKOV, L.N., inzhener,
redaktor; GRISHIN, M.M., professor, doktor tekhnicheskikh nauk, redak-
tor; ZHURIN, V.D., professor, doktor tekhnicheskikh nauk, redaktor;
LIKHACHEV, V.P., inzhener, redaktor; MEDVEDEV, V.M., kandidat tekhnai-
cheskikh nauk, redaktor; MIKHAYLOV, A.V., kandidat tekhnicheskikh nauk,
redaktor; PETROV, G.D., inzhener, redaktor; RAZIN, N.V., redaktor;
SOBOLEV, V.P., inzhener, redaktor; FHRINGER, B.P., inzhener, redaktor;
TSYPLAKOV, V.D., inzhener, redaktor; ISAYEV, N.V., redaktor; TISTROVA,
O.N., redaktor; SKVORTSOV, I.M., tekhnicheskiy redaktor

[The Volga-Don Canal; technical report on the construction of the
Volga-Don Canal, the Tsimlyanskaya hydro development and irrigation
works (1949-1952); in five volumes] Volgo-Don: tekhnicheskii otchet
(continued on next card)

AGAPOV, D.S. ---- (continued) Card 2.

o stroitel'stve Volgo-Donskogo sudokhodnogo kanala imeni V.I.Lenina.
TSimlianskogo gidrouzla i orossitel'nykh sgoruzhenii (1949-1952) v
piati tomakh. Glav.red. S.IA. Zhuk. Moskva, Gos.energ. izd-vo.
Vol.5. [Quarry management] Kar'ernoe khoziaistvo. Red.toma I.N.
Kostrov. 1956. 172 p. (MLRA 10:4)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Byuro
tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Deystvitol'nyy
cheln "akademii stroitel'stva, i arkhitektury SSSR (for Razin)
(Quarries and quarrying)

KARPOV, A.S., inzhener.

On unified technical requirements for non-mineral materials.
Stroi.prom.32 no.11:43-46 N '54. (MLRA 7:11)
(Building materials--Standards)

KARPOV, A.S.

The road and bridge building district, Avt. dor. 19 no.10;
18-19 O '56.
(MLRA 9:12)

(Road construction)

KARPOV, A.S., inzh. (Kalininograd); TERESHCHENKO, V.I., mekhanik
puteizmeritel'noy telezhki (Stantsiya Belgorod, Yuzhnay dorogi);
AREF'YEV, V.A., starshiy dorozhnyy master (Stantsiya Poletayevo I,
Yuzhno-Ural'skoy dorogi)

Letters to the editor. Put' i put.khoz. 5 no.8:45 Ag '61.
(MIRA 14:10)
(Railroads)